

Title (en)
ELECTRIC BUS AND CHARGING SYSTEM

Title (de)
SAMMELSCHIENE UND LADESYSTEM

Title (fr)
BUS ÉLECTRIQUE ET SYSTÈME DE CHARGE

Publication
EP 3275719 A1 20180131 (EN)

Application
EP 15886439 A 20150901

Priority
• JP 2015060101 A 20150323
• JP 2015074888 W 20150901

Abstract (en)
According to embodiments, an electric bus includes an electricity storage function unit, a power receiving unit, a charger, a driving unit, doors, and a controller. The power receiving unit receives electric power supplied from an external device by coming into contact with a power feeding unit of the external device. The charger charges the electricity storage function unit with the electric power received from the power receiving unit. The driving unit drives the electric bus by receiving supply of the electric power from the electricity storage function unit. The doors are installed at entrance and exit portions. The controller transmits a first signal including information capable of identifying an attribute of the electric bus and instructing the external device to start charging the electricity storage function unit, to the external device, upon detecting at least one of the doors is opened; and transmits a second signal instructing the external device to stop charging the electricity storage function unit, to the external device, upon detecting all the doors are closed.

IPC 8 full level
B60L 11/18 (2006.01); **H02J 7/00** (2006.01); **H02J 7/02** (2016.01)

CPC (source: EP US)
B60L 50/60 (2019.01 - EP US); **B60L 53/14** (2019.01 - EP US); **B60L 53/31** (2019.01 - EP US); **H02J 7/00** (2013.01 - EP US); **H02J 7/02** (2013.01 - EP US); **B60L 2200/18** (2013.01 - US); **B60L 2240/28** (2013.01 - US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Cited by
EP4086107A1

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BA ME

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EP 3275719 A1 20180131; **EP 3275719 A4 20181205**; **EP 3275719 B1 20210428**; CN 107531161 A 20180102; CN 107531161 B 20200623; JP 2016181965 A 20161013; JP 6441143 B2 20181219; SG 11201707801W A 20171030; US 10220716 B2 20190305; US 2018072172 A1 20180315; WO 2016151887 A1 20160929

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EP 15886439 A 20150901; CN 201580077281 A 20150901; JP 2015060101 A 20150323; JP 2015074888 W 20150901; SG 11201707801W A 20150901; US 201515560363 A 20150901